

2018 State Hazard Mitigation Plan
State Hazard Mitigation Team
December 13, 2016

Hazards Review

W. David Conn, Project Director
Ken Topping, Senior Advisor
Cal Poly Support Team

Questions

1. Should additional hazards be included in the 2018 update?
2. Should any hazards on this list be omitted?
3. Should hazards be categorized differently?

5.2 - Geologic Hazards

- 5.2.1 Earthquakes
- 5.2.2 Landslides
- 5.2.3 Subsidence
- 5.2.4 Tsunami Hazards
- 5.2.5 Volcanoes

5.3 – Flood Hazards

5.3.1 Coastal Flooding and Erosion

5.3.2 Dam Failure

5.3.3 Inland Flooding

5.3.4 Levee Failure

5.4 Fire Hazards

5.4.1 Structural Fires

5.4.2 Wildland Fires

6.1 – Climate-Related Hazards

6.1.1 Agriculture Pests and Diseases

6.1.2 Air Pollution

6.1.3 Avalanches

6.1.4 Drought and Water Shortage

6.1.5 Energy Shortage and Energy Resilience

6.1.6 Epidemic/Pandemic/Vector Borne Diseases

6.1.7 Extreme Heat

6.1 – Climate-Related Hazards

(continued)

6.1.8 Freeze

6.1.9 Insect Pests and Diseases

6.1.10 Marine Invasive Species

6.1.11 Sea Level Rise

6.1.12 Severe Weather and Storms

6.1.13 Tree Mortality

6.2 – Technological Hazards

6.2.1 Airline Crashes

6.2.2 Hazardous Materials Releases

6.2.3 Train Accidents Causing Explosions and/or
Chemical Releases

6.2.4 Oil Spills

6.2.5 Pipeline Hazards

6.2.6 Radiological Accidents

6.2.7 Well Stimulation and Hydraulic Fracturing

6.3 – Terrorism and Cyberthreats

6.4 – Other Hazards

6.4.1 Civil Disturbances

2018 State Hazard Mitigation Plan
State Hazard Mitigation Team
December 13, 2016

Goals and Objectives Review

W. David Conn, Project Director
Ken Topping, Senior Advisor
Cal Poly Support Team

Questions

1. Do the 2013 goals and objectives adequately reflect your understanding of California's hazard mitigation effort at present and planning for the near term (next 5 years)?
2. Do the 2013 goals and objectives adequately reflect your understanding of your agency/organization's hazard mitigation effort at present and planning for the near term (next 5 years)?
3. Which goals and objectives would you like to change for the 2018 SHMP, and how?
4. What additional hazard mitigation goals and objectives, if any, would you suggest for consideration in the 2018 SHMP?

Goal 1: Significantly reduce life loss and injuries

Objective 1: Improve understanding of the locations, potential impacts, and linkages among threats, hazards, vulnerability, and measures needed to protect life safety and health

Objective 2: Develop and provide updated information about threats, hazards, vulnerabilities, and mitigation strategies to state, regional, and local agencies, as well as private sector groups

Objective 3: Promote enforcement of relevant state regulations and local ordinances that significantly reduce life loss and injuries

Goal 1: Significantly reduce life loss and injuries

(continued)

Objective 4: Maximize the likelihood that structures are modified, as necessary, over time to meet life safety standards

Objective 5: Encourage the incorporation of mitigation measures into repairs, major alterations, new development, and redevelopment practices, especially in areas subject to substantial hazard risk

Objective 6: Advance community resilience through preparation, adoption, and implementation of state, regional and local multi- hazard mitigation plans and projects

Goal 2: Minimize damage to structures and property, as well as interruption of essential services and activities

Objective 1: Encourage new development to occur in locations avoiding or minimizing exposure to hazards and enhance design requirements to improve resiliency in future disasters

Objective 2: Encourage life and property protection measures for all communities and structures located in hazard areas

Objective 3: Reduce repetitive property losses due to flood, fire and earthquake by updating land use, design, and construction policies

Goal 2: Minimize damage to structures and property, as well as interruption of essential services and activities *(continued)*

Objective 4: Research, develop, and promote adoption of cost-effective building and development laws, regulations, and ordinances exceeding the minimum levels needed for life safety

Objective 5: Establish and maintain partnerships among all levels of government, private sector, community groups, and institutions of higher learning that improve and implement methods to protect life and property

Objective 6: Support the protection of vital records, and strengthening or replacement of buildings, infrastructure, and lifelines to minimize post- disaster disruption and facilitate short-term and long- term recovery

Goal 3: Protect the environment

Objective 1: Review all hazard mitigation projects for compliance with applicable environmental laws

Objective 2: Encourage hazard mitigation measures that promote and enhance natural processes and minimize adverse impacts on the ecosystem

Objective 3: Encourage all state, regional and local hazard mitigation planning programs to protect the environment and promote implementation of sustainable mitigation actions.

Goal 3: Protect the environment *(continued)*

Objective 4: Implement wildfire mitigation and watershed protection strategies through local, state, tribal, federal and private partnerships

Objective 5: Promote and implement hazard mitigation plans and projects that are consistent with state, regional and local climate action and adaptation goals, policies, and programs

Objective 6: Provide guidance to local jurisdictions about California Environmental Quality Act (CEQA) compliance through mitigation planning and projects

Goal 3: Protect the environment *(continued)*

Objective 7: Coordinate hazard mitigation planning with state and federal programs designed to minimize the release and movement of toxic and hazardous substances in the environment

Goal 4: Promote hazard mitigation as an integrated public policy and as a standard business practice

Objective 1: Encourage all cities, counties, special districts, councils of governments and tribal organizations to develop, adopt, and implement Local Hazard Mitigation Plans to be integrated with local general plan safety elements, local coastal plans, facilities master plans, and other local plan initiatives

Objective 2: Improve the quality and effectiveness of local hazard mitigation planning through effective training and guidance that strengthens linkages between the Local Hazard Mitigation Plans, general plan safety elements, and the SHMP

Goal 4: Promote hazard mitigation as an integrated public policy and as a standard business practice

(continued)

Objective 3: Continually build linkages among hazard mitigation, disaster preparedness, and recovery programs within the public and private sectors

Objective 4: Use mandatory local general plan, zoning, and subdivision requirements to help establish resilient and sustainable communities

Goal 4: Promote hazard mitigation as an integrated public policy and as a standard business practice

(continued)

Objective 5: Actively promote effective coordination of regional and local hazard mitigation planning and action among state agencies, cities, counties, special districts, tribal organizations, councils of governments, metropolitan planning organizations, and regional transportation to create resilient and sustainable communities

Objective 6: Create financial and regulatory incentives to motivate stakeholders such as homeowners, private sector businesses, and nonprofit community organizations to mitigate hazards and risk

Goal 4: Promote hazard mitigation as an integrated public policy and as a standard business practice

(continued)

Objective 7: Promote and enhance outreach and education efforts by state, regional and local agencies with hazard mitigation plans and programs to actively encourage engagement of stakeholder groups such as homeowners, private sector businesses, and nonprofit community organizations

Objective 8: Coordinate state and local efforts to reduce greenhouse gas emissions and implement climate adaptation strategies through hazard mitigation plans and actions